

GP-302889

COMPACT TWO-STEP ROCKER ARM ASSEMBLY

ABSTRACT OF THE DISCLOSURE

A rocker arm assembly includes an inner rocker arm and an outer rocker arm. The outer rocker arm includes two rail portions spaced a distance apart and forming an open space therebetween. The inner rocker arm is pivotably connected to the outer rocker arm such that it is at least partially within the open space. The inner rocker arm includes a locking pin housing containing two locking pins selectively engageable with holes in each of the rail portions to selectively prevent relative movement between the inner rocker arm and the outer rocker arm. The rocker arm assembly enables two-step valve operation and has a design characterized by compact size and improved manufacturability.